

# Math 288: Geometry, Functions and Learning in High Dimensions

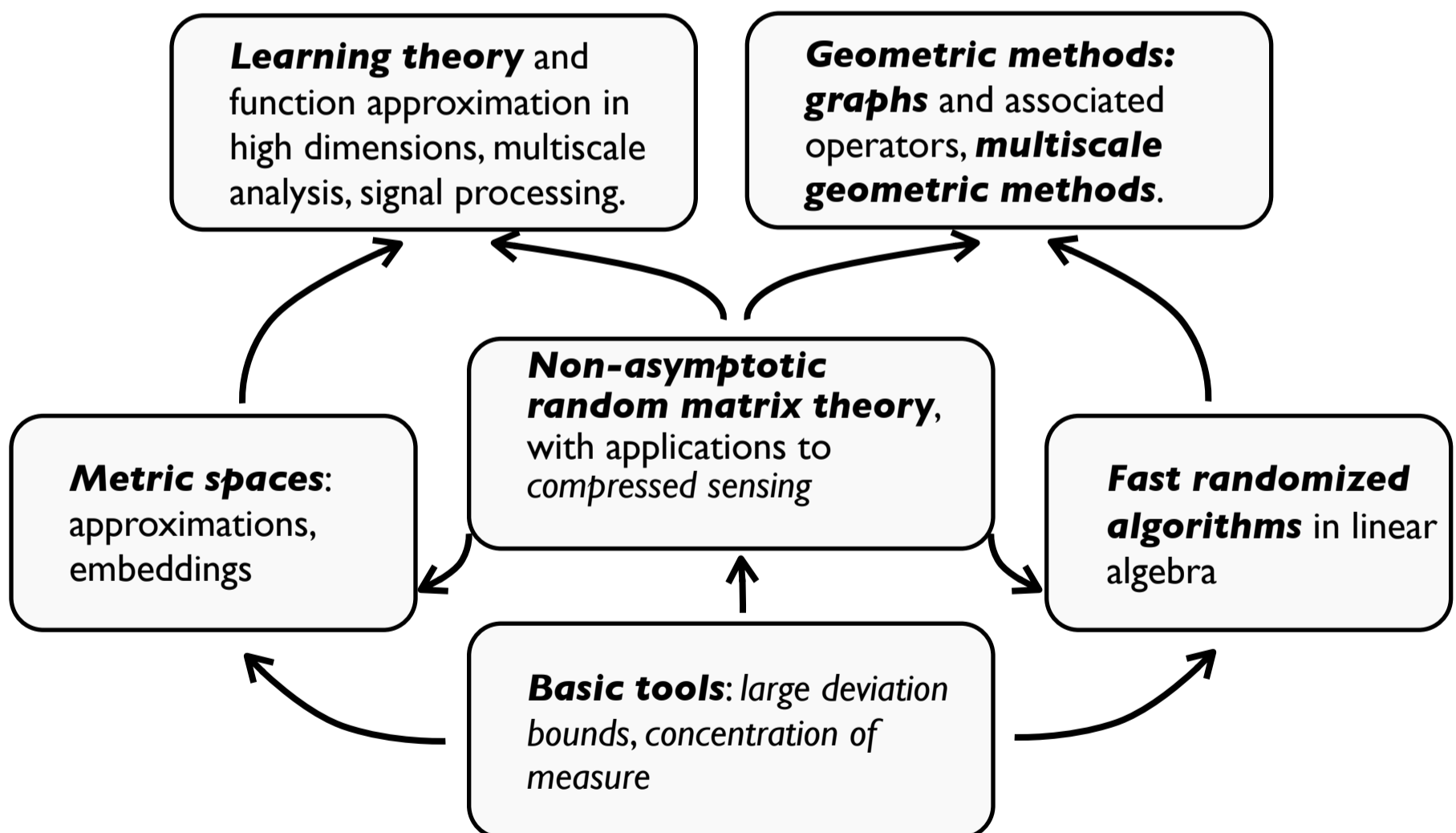
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Department of Mathematics, Computer Science

Math 288.01, Topics in Probability, meets MW 10:05 AM-11:20 AM, in Physics 119

This course touches on some of the mathematical foundations of analysis of *high-dimensional data sets* (images, documents, biological data, etc...), thought of as samples from probability distributions in high-dimensional spaces.



*Requirements:* linear algebra, basic measure theory and probability